

1600
03-001PE
1630
C Errors Corrected by the STIC Systems Branch

Serial Number: 09/682,769B

CRF Processing Date: 2/4/2002
Edited by: AR (STIC staff)
Verified by: _____ Changed a file from non-ASCII to ASCII

ENTERED

 Changed the margins in cases where the sequence text was "wrapped" down to the next line Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____ Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____ Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____ Other:

corrected global misspelling of "artificial"



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 07:05:58

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
 Output Set: N:\CRF3\02042002\I682769B.raw

3 <110> APPLICANT: Monsanto Co
 4 Rangwala, Tasneem
 5 Ye, Minwei
 7 <120> TITLE OF INVENTION: Cotton Event PV-GHGT07(1445) and Compositions and Methods
 for Detection
 8 Thereof
 10 <130> FILE REFERENCE: 38-21(52249)
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/682,769B
 C--> 12 <141> CURRENT FILING DATE: 2001-10-17
 12 <150> PRIOR APPLICATION NUMBER: 60/243190
 13 <151> PRIOR FILING DATE: 2000-10-25
 15 <160> NUMBER OF SEQ ID NOS: 12
 17 <170> SOFTWARE: PatentIn version 3.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 25
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Gossypium hirsutum
 24 <400> SEQUENCE: 1
 25 tgcgatacta ggctttgggt ttctt 25
 28 <210> SEQ ID NO: 2
 29 <211> LENGTH: 27
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Pisum sativum
 33 <400> SEQUENCE: 2
 34 agttatactc atggatttgt agttgag 27
 37 <210> SEQ ID NO: 3
 38 <211> LENGTH: 24
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Agrobacterium tumefaciens
 42 <400> SEQUENCE: 3
 43 aggcatactt aacgatagcc ttcc 24
 46 <210> SEQ ID NO: 4
 47 <211> LENGTH: 26
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Gossypium hirsutum
 51 <400> SEQUENCE: 4
 52 aacaccta acaagtata cataca 26
 55 <210> SEQ ID NO: 5
 56 <211> LENGTH: 18
 57 <212> TYPE: DNA
 C--> 58 <213> ORGANISM: artificial ^{artificial}
 60 <220> FEATURE:
 61 <221> NAME/KEY: misc_feature
 62 <222> LOCATION: (1)..(18)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 07:05:58

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
 Output Set: N:\CRF3\02042002\I682769B.raw

63 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part transgene
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 67 cgattcagat caaacact 18
 70 <210> SEQ ID NO: 6
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 72 <212> TYPE: DNA
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 77 <222> LOCATION: (1)..(18)
 78 <223> OTHER INFORMATION: **artificial** DNA sequence, part cotton genome and part transgene
 81 <400> SEQUENCE: 6
 82 caaatgtcaa tagcttgg 18
 85 <210> SEQ ID NO: 7
 86 <211> LENGTH: 320
 87 <212> TYPE: DNA
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 90 <220> FEATURE:
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 92 <222> LOCATION: (1)..(320)
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 96 <400> SEQUENCE: 7
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 99 atacggggc taacataagt agctgtgagt gagatgatcc cagtaatgtc taaaatcacg 120
 101 gagcataaac ttaataaaata taattatctt gattggagta agacgattca gatcaaacac 180
 103 tggatgttta aactgaaggc gggaaacgac aatctgatcc cagcttggc tgcaggc 240
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 107 tcaactacaa atccatgagt 320
 110 <210> SEQ ID NO: 8
 111 <211> LENGTH: 499
 112 <212> TYPE: DNA
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 115 <220> FEATURE:
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 117 <222> LOCATION: (1)..(499)
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 126 cccctgggg gatgggaggc cccgcgttagc gggccggag gttcgagaa gggggggcac 180
 128 ccccttcgg cgtgcgcgtt cacgcgcaca gggcgcagcc ctggttaaaa acaagggtta 240
 130 taaatattgg tttaaaagca gttaaaaga caggttagcg gtggccgaaa aacgggccc 300
 132 aacccttgc aatgtggat tttctgcctg tggacagccc ctc当地atgtc aataggtgc 360
 134 cccctcaat gtcaatagct tggctgagaa atgtgcattt acctttggat atctaaagct 420
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 138 ttacttggaa attttgtat 499
 141 <210> SEQ ID NO: 9
 142 <211> LENGTH: 22
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 07:05:58

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
 Output Set: N:\CRF3\02042002\I682769B.raw

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148 <222> LOCATION: (1)..(22)

149 <223> OTHER INFORMATION: synthetic primer sequence

152 <400> SEQUENCE: 9

153 gatccatccc atagggtcga tc

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156 <210> SEQ ID NO: 10

157 <211> LENGTH: 24

158 <212> TYPE: DNA

C--> 159 <213> ORGANISM: **artificial** sequence

161 <220> FEATURE:

162 <221> NAME/KEY: misc_feature

163 <222> LOCATION: (1)..(24)

164 <223> OTHER INFORMATION: synthetic primer sequence

167 <400> SEQUENCE: 10

168 ctaagatcga actctccgac acta

24

171 <210> SEQ ID NO: 11

172 <211> LENGTH: 22

173 <212> TYPE: DNA

C--> 174 <213> ORGANISM: **artificial** sequence

176 <220> FEATURE:

177 <221> NAME/KEY: misc_feature

178 <222> LOCATION: (1)..(22)

179 <223> OTHER INFORMATION: synthetic primer sequence

182 <400> SEQUENCE: 11

183 ccaaggcaat taccttactg cc

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186 <210> SEQ ID NO: 12

187 <211> LENGTH: 23

188 <212> TYPE: DNA

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191 <220> FEATURE:

192 <221> NAME/KEY: misc_feature

193 <222> LOCATION: (1)..(23)

194 <223> OTHER INFORMATION: synthetic primer sequence

197 <400> SEQUENCE: 12

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198 taaaaagaca gtttagcggt ggc

VERIFICATION SUMMARY

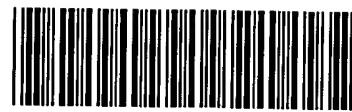
PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 07:05:59

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
Output Set: N:\CRF3\02042002\I682769B.raw

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:58 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:73 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:88 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:113 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:144 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:159 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 09:27:44

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
 Output Set: N:\CRF3\02042002\I682769B.raw

3 <110> APPLICANT: Monsanto Co
 4 Rangwala, Tasneem
 5 Ye, Minwei
 7 <120> TITLE OF INVENTION: Cotton Event PV-GHGT07(1445) and Compositions and Methods
 for Detection
 8 Thereof
 10 <130> FILE REFERENCE: 38-21(52249)
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/682,769B
 C--> 12 <141> CURRENT FILING DATE: 2001-10-17
 12 <150> PRIOR APPLICATION NUMBER: 60/243190
 13 <151> PRIOR FILING DATE: 2000-10-25
 15 <160> NUMBER OF SEQ ID NOS: 12
 17 <170> SOFTWARE: PatentIn version 3.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 25
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Gossypium hirsutum
 24 <400> SEQUENCE: 1
 25 tgcgatacta ggctttgggt ttctt 25
 28 <210> SEQ ID NO: 2
 29 <211> LENGTH: 27
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Pisum sativum
 33 <400> SEQUENCE: 2
 34 agttatactc atggatttgt agttgag 27
 37 <210> SEQ ID NO: 3
 38 <211> LENGTH: 24
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Agrobacterium tumefaciens
 42 <400> SEQUENCE: 3
 43 aggcatcttg aacgatagcc ttcc 24
 46 <210> SEQ ID NO: 4
 47 <211> LENGTH: 26
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Gossypium hirsutum
 51 <400> SEQUENCE: 4
 52 aacaccta at acaagt cata cataca 26
 55 <210> SEQ ID NO: 5
 56 <211> LENGTH: 18
 57 <212> TYPE: DNA
 C--> 58 <213> ORGANISM: artificial
 60 <220> FEATURE:
 61 <221> NAME/KEY: misc_feature
 62 <222> LOCATION: (1)..(18)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 09:27:44

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
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63 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part transgene

66 <400> SEQUENCE: 5

67 cgattcagat caaacact

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70 <210> SEQ ID NO: 6

71 <211> LENGTH: 18

72 <212> TYPE: DNA

C--> 73 <213> ORGANISM: artificial

75 <220> FEATURE:

76 <221> NAME/KEY: misc_feature

77 <222> LOCATION: (1)..(18)

78 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part transgene

81 <400> SEQUENCE: 6

82 caaatgtcaa tagcttgg

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85 <210> SEQ ID NO: 7

86 <211> LENGTH: 320

87 <212> TYPE: DNA

C--> 88 <213> ORGANISM: artificial

90 <220> FEATURE:

91 <221> NAME/KEY: misc_feature

92 <222> LOCATION: (1)..(320)

93 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part transgene

96 <400> SEQUENCE: 7

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99 atacgggtgc taacataagt agctgtgagt gagatgatcc cagtaatgtc taaaatcagc

120

101 gaggataaaac ttaataaaata taattatctt gattggagta agacgattca gatcaaacac

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103 tggatgttta aactgaaggc gggaaacgac aatctgatcc cagttgggc tgcagggtcga

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105 ttgatgcattt ttgtcaatca attggcaagt cataaaatgc attaaaaat attttcatac

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107 tcaactacaa atccatgagt

320

110 <210> SEQ ID NO: 8

111 <211> LENGTH: 499

112 <212> TYPE: DNA

C--> 113 <213> ORGANISM: artificial

115 <220> FEATURE:

116 <221> NAME/KEY: misc_feature

117 <222> LOCATION: (1)..(499)

118 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part transgene

121 <400> SEQUENCE: 8

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124 cggaaagcta gcttggctgc catttttggg gtgaggccgt tcgcggccga gggcgccag

120

126 cccctgggg gatgggaggc cccgcgttagc gggccggag gttcgagaa gggggggcac

180

128 ccccttcgg cgtgcgcggc cacgcgcaca gggccgagcc ctggttaaaa acaagggtta

240

130 taaatattgg tttaaaagca gttaaaaga cagtttagcg gtggccgaaa aacgggcgga

300

132 aacccttgc aatgcgttgcattttctgcctt tggacagccc ctcaaatgtc aatagggtcg

360

134 cccctcaat gtcaatagct tggctgagaa atgatgcatttgcacttgcgat atctaaagct

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136 ttattggcag taaggtaatt gccttggcta accactttaa atttgttaaa gaattaatttgc

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138 ttacttggaa attttgtat

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141 <210> SEQ ID NO: 9

142 <211> LENGTH: 22

143 <212> TYPE: DNA

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 09:27:44

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
Output Set: N:\CRF3\02042002\I682769B.raw

144 <213> ORGANISM: artificial sequence
146 <220> FEATURE:
147 <221> NAME/KEY: misc_feature
148 <222> LOCATION: (1)..(22)
149 <223> OTHER INFORMATION: synthetic primer sequence
152 <400> SEQUENCE: 9
153 gatccatccc atagggtcga tc 22
156 <210> SEQ ID NO: 10
157 <211> LENGTH: 24
158 <212> TYPE: DNA
159 <213> ORGANISM: artificial sequence
161 <220> FEATURE:
162 <221> NAME/KEY: misc_feature
163 <222> LOCATION: (1)..(24)
164 <223> OTHER INFORMATION: synthetic primer sequence
167 <400> SEQUENCE: 10
168 ctaagatcga actctccgac acta 24
171 <210> SEQ ID NO: 11
172 <211> LENGTH: 22
173 <212> TYPE: DNA
174 <213> ORGANISM: artificial sequence
176 <220> FEATURE:
177 <221> NAME/KEY: misc_feature
178 <222> LOCATION: (1)..(22)
179 <223> OTHER INFORMATION: synthetic primer sequence
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186 <210> SEQ ID NO: 12
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188 <212> TYPE: DNA
189 <213> ORGANISM: artificial sequence
191 <220> FEATURE:
192 <221> NAME/KEY: misc_feature
193 <222> LOCATION: (1)..(23)
194 <223> OTHER INFORMATION: synthetic primer sequence
197 <400> SEQUENCE: 12
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 09:27:45

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:58 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:73 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:88 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
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